



North Dakota

# FARM REPORTER

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## CROP PRODUCTION

**North Dakota**  
Corn for grain production is forecast at 248 million bushels, down 6 percent from the September forecast and virtually unchanged from 2010. Based on conditions as of October 1, yields are expected to average 121 bushels per harvested acre, down 4 bushels from the September forecast and down 11 bushels from 2010. Area to be harvested is estimated at 2.05 million acres, up 9 percent from last year.

Soybean production is forecast at 115 million bushels, down 6 percent from the September forecast and 17 percent from last year. Yields are expected to average 29.0 bushels per harvested acre, down 1 bushel from September and 5.0 bushels from 2010. Area to be harvested is estimated at 3.95 million acres, down from 4.07 million acres last year.

Dry edible bean production is forecast at 5.74 million hundredweight (cwt), down 50 percent from last year. Yield is forecast at 1,550 pounds per harvested acre, up from 1,490 pounds last year. Area for harvest is expected to be 370,000 acres, down 52 percent from last year.

All Sunflower (oil and non-oil) production is forecast at 753 million pounds, down 40 percent from 2010. The average yield for all sunflower is forecast at 1,342 pounds per harvested acre, down from 1,456 pounds last year. Area for harvest is 561,000 acres, down 35 percent from 2010.

Canola production is forecast at 1.24 billion pounds, down 43 percent from 2010. If realized, the yield would be 1,460 pounds per acre, down from 1,720 pounds last year. Area for harvest is estimated at 850,000 acres, down 33 percent from 2010.



## Crop Area Planted and Harvested – North Dakota and United States: 2010 and Forecasted October 1, 2011

(Data are the latest estimates available. Blank data cells indicate estimation period has not yet begun.)

| Crop                              | North Dakota  |               |                |               | United States |               |                |               |
|-----------------------------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
|                                   | Area planted  |               | Area harvested |               | Area planted  |               | Area harvested |               |
|                                   | 2010          | 2011          | 2010           | 2011          | 2010          | 2011          | 2010           | 2011          |
|                                   | (1,000 acres) | (1,000 acres) | (1,000 acres)  | (1,000 acres) | (1,000 acres) | (1,000 acres) | (1,000 acres)  | (1,000 acres) |
| Wheat, all .....                  | 8,530         | 6,800         | 8,400          | 6,595         | 53,593        | 54,409        | 47,619         | 45,715        |
| Spring .....                      | 6,400         | 5,650         | 6,300          | 5,500         | 13,698        | 12,394        | 13,359         | 12,079        |
| Durum .....                       | 1,800         | 750           | 1,780          | 720           | 2,560         | 1,369         | 2,519          | 1,322         |
| Winter .....                      | 330           | 400           | 320            | 375           | 37,335        | 40,646        | 31,741         | 32,314        |
| Barley .....                      | 720           | 400           | 670            | 350           | 2,872         | 2,559         | 2,465          | 2,239         |
| Oats .....                        | 280           | 170           | 105            | 85            | 3,138         | 2,496         | 1,263          | 940           |
| Sunflower, all .....              | 885.0         | 580.0         | 862.0          | 561.0         | 1,951.5       | 1,544.0       | 1,873.8        | 1,473.0       |
| Oil .....                         | 700.0         | 510.0         | 685.0          | 495.0         | 1,463.0       | 1,289.5       | 1,422.5        | 1,236.7       |
| Non-oil .....                     | 185.0         | 70.0          | 177.0          | 66.0          | 488.5         | 254.5         | 451.3          | 236.3         |
| Canola .....                      | 1,280.0       | 860.0         | 1,270.0        | 850.0         | 1,448.8       | 1,071.0       | 1,431.0        | 1,050.0       |
| Soybeans .....                    | 4,100         | 4,000         | 4,070          | 3,950         | 77,404        | 74,966        | 76,610         | 73,676        |
| Flaxseed .....                    | 390           | 200           | 388            | 196           | 421           | 229           | 418            | 224           |
| Safflower .....                   | 16.0          | 5.0           | 15.5           | 4.5           | 175.0         | 137.5         | 167.7          | 131.5         |
| Corn for grain <sup>1</sup> ..... | 2,050         | 2,250         | 1,880          | 2,050         | 88,192        | 91,897        | 81,446         | 83,936        |
| Corn for silage .....             | (NA)          | (NA)          | 150            |               | (NA)          |               | 5,567          |               |
| Dry edible beans, all .....       | 800.0         | 410.0         | 770.0          | 370.0         | 1,911.4       | 1,198.7       | 1,842.7        | 1,123.7       |
| Dry edible peas .....             | 430.0         | 130.0         | 400.0          | 125.0         | 756.0         | 416.0         | 711.4          | 398.8         |
| Lentils .....                     | 265.0         | 100.0         | 255.0          | 96.0          | 658.0         | 470.0         | 634.0          | 455.0         |
| Fall potatoes, all .....          | 84.0          | 83.0          | 80.0           | 79.0          | 894.3         | 948.6         | 881.8          | 936.1         |
| Sugarbeets .....                  | 217.0         | 240.0         | 214.0          | 231.0         | 1,171.4       | 1,249.6       | 1,155.7        | 1,207.6       |
| Hay, all .....                    | (NA)          | (NA)          | 2,550          | 2,500         | (NA)          | (NA)          | 59,862         | 57,605        |
| Alfalfa .....                     | (NA)          | (NA)          | 1,560          | 1,500         | (NA)          | (NA)          | 19,956         | 19,329        |
| All other .....                   | (NA)          | (NA)          | 990            | 1,000         | (NA)          | (NA)          | 39,906         | 38,276        |

(D) Withheld to avoid disclosing data for individual operations. (NA) Not Available. <sup>1</sup> Area planted for all purposes.

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## CROP PRODUCTION (Continued)

### United States

Corn production is forecast at 12.4 billion bushels, down 1 percent from the September forecast and down slightly from the 2010 production estimate. Based on conditions as of October 1, yields are expected to average 148.1 bushels per acre, unchanged from the September forecast but down 4.7 bushels from 2010. If realized, this will be the lowest average yield since 2005.

Soybean production is forecast at 3.06 billion bushels, down 1 percent from September and down 8 percent from last year. Based on October 1 conditions, yields are expected to average 41.5 bushels per acre, down 0.3 bushel from last month and down 2 bushels from last year. If realized, the average yield will be the second lowest since 2003.

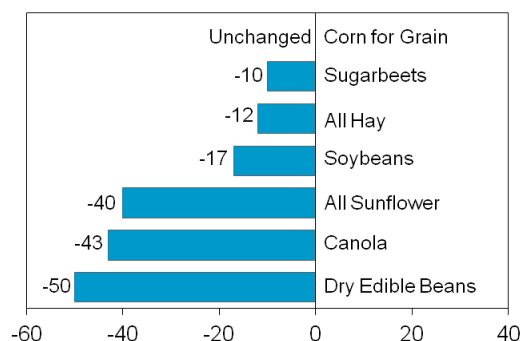
Dry edible bean production is forecast at 19.6 million cwt for 2011, down 38 percent from last year. Harvested area is forecast at 1.12 million acres, down 39 percent from the previous year. The average United States yield is forecast at 1,744 pounds per acre, an increase of 18 pounds from 2010.

Sunflower production forecast for 2011 is 2.09 billion pounds, down 24 percent from 2010. Sunflower growers expect to harvest 1.47 million acres, down 12 percent from August and down 21 percent from the 2010 acreage. If

realized, harvested area for the Nation will also be the lowest since 1976. The October yield forecast, at 1,420 pounds per acre, is 40 pounds lower than last year's yield.

Canola production forecast for 2011 is 1.53 billion pounds, down 37 percent from 2010. Canola farmers expect to harvest 1.05 million acres, down 2 percent from August and down 27 percent from 2010. The October yield forecast, at 1,459 pounds per acre, is 254 pounds below last year's yield. If realized, this will be the fifth highest yield on record for the United States.

**2011 Production Forecast Percent Change from 2010 – North Dakota: October 1, 2011**



### Crop Yield and Production – North Dakota and United States: 2010 and Forecasted October 1, 2011

(Data are the latest estimates available. Blank data cells indicate estimation period has not yet begun.)

| Crop                                     | North Dakota |       |            |           | United States |       |            |            |
|--|--------------|-------|------------|-----------|---------------|-------|------------|------------|
|  | Yield        |       | Production |           | Yield         |       | Production |            |
|  | 2010         | 2011  | 2010       | 2011      | 2010          | 2011  | 2010       | 2011       |
|  |              |       | (1,000)    | (1,000)   |               |       | (1,000)    | (1,000)    |
| Wheat, all .....                         | 43.0         | 31.2  | 361,550    | 205,845   | 46.3          | 43.9  | 2,206,916  | 2,008,039  |
| Spring .....                             | 44.0         | 31.5  | 277,200    | 173,250   | 46.1          | 38.3  | 615,975    | 462,473    |
| Durum .....                              | 37.5         | 26.0  | 66,750     | 18,720    | 42.1          | 39.3  | 106,080    | 51,889     |
| Winter .....                             | 55.0         | 37.0  | 17,600     | 13,875    | 46.8          | 46.2  | 1,484,861  | 1,493,677  |
| Barley .....                             | 65.0         | 47.0  | 43,550     | 16,450    | 73.1          | 69.2  | 180,268    | 155,050    |
| Oats .....                               | 61.0         | 54.0  | 6,405      | 4,590     | 64.3          | 57.5  | 81,190     | 54,005     |
| Sunflower, all .....                     | 1,456        | 1,342 | 1,254,980  | 752,730   | 1,460         | 1,420 | 2,735,570  | 2,091,000  |
| Oil .....                                | 1,460        |       | 1,000,100  |           | 1,458         |       | 2,074,500  |            |
| Non-oil .....                            | 1,440        |       | 254,880    |           | 1,465         |       | 661,070    |            |
| Canola .....                             | 1,720        | 1,460 | 2,184,400  | 1,241,000 | 1,713         | 1,459 | 2,450,947  | 1,532,165  |
| Soybeans .....                           | 34.0         | 29.0  | 138,380    | 114,550   | 43.5          | 41.5  | 3,329,181  | 3,059,987  |
| Flaxseed .....                           | 22.0         |       | 8,536      |           | 21.7          |       | 9,056      |            |
| Safflower .....                          | 850          |       | 13,175     |           | 1,320         |       | 221,335    |            |
| Corn for grain .....                     | 132          | 121   | 248,160    | 248,050   | 152.8         | 148.1 | 12,446,865 | 12,432,910 |
| Corn for silage .....                    | 14.0         |       | 2,100      |           | 19.3          |       | 107,314    |            |
| Dry edible beans, all <sup>1</sup> ..... | 1,490        | 1,550 | 11,473     | 5,735     | 1,726         | 1,744 | 31,801     | 19,593     |
| Dry edible peas <sup>1</sup> .....       | 2,030        |       | 8,120      |           | 1,999         |       | 14,221     |            |
| Lentils <sup>1</sup> .....               | 1,540        |       | 3,927      |           | 1,365         |       | 8,657      |            |
| Fall potatoes, all .....                 | 275          |       | 22,000     |           | 416           |       | 366,505    |            |
| Sugarbeets .....                         | 26.5         | 22.0  | 5,671      | 5,082     | 27.6          | 24.2  | 31,901     | 29,180     |
| Hay, all .....                           | 2.09         | 1.88  | 5,321      | 4,700     | 2.43          | 2.29  | 145,556    | 131,694    |
| Alfalfa .....                            | 2.30         | 2.00  | 3,588      | 3,000     | 3.40          | 3.35  | 67,903     | 64,714     |
| All other .....                          | 1.75         | 1.70  | 1,733      | 1,700     | 1.95          | 1.75  | 77,653     | 66,980     |

(NA) Not Available. <sup>1</sup> Yield in pounds.

## CASH RECEIPTS

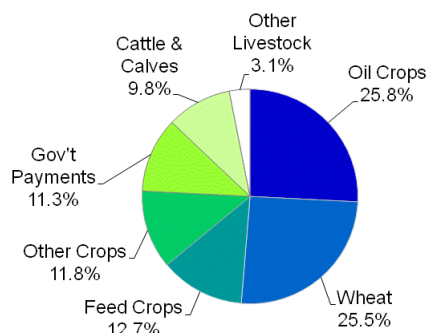
### North Dakota

Cash receipts from farm marketings in 2010 totaled \$7.46 billion, up from \$7.08 billion in 2009.

Receipts from crop marketings fell 3.4 percent while livestock marketing receipts rose 22 percent from 2009. Government payments for 2010 were up 91.2 percent from the previous year, totaling nearly \$845 million.

Wheat was the largest contributor to cash receipts in 2010, accounting for 25.5 percent of the total. Soybeans were second with 16.7 percent of the total cash receipts. Government payments were third with 11.3 percent, cattle and calves were fourth, with 9.8 percent, followed closely by corn at 8.9 percent of the total.

### Cash Receipts – North Dakota: 2010



### Cash Receipts from Farm Marketings and Government Payments – North Dakota: 2005-2010

(Categories may not add due to rounding.)

| Item                                | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2010 percent of total |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|
|                                     | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (\$1,000) | (percent)             |
| <b>Crops</b> .....                  | 2,899,731 | 3,222,982 | 4,878,026 | 5,951,157 | 5,853,321 | 5,656,367 | 75.8                  |
| Food grains .....                   | 1,052,921 | 1,045,560 | 1,844,414 | 2,059,827 | 1,969,243 | 1,903,125 | 25.5                  |
| Wheat.....                          | 1,051,676 | 1,044,422 | 1,842,863 | 2,057,489 | 1,966,881 | 1,901,364 | 25.5                  |
| Feed crops .....                    | 415,558   | 488,678   | 840,832   | 1,413,997 | 1,242,702 | 950,943   | 12.7                  |
| Corn .....                          | 192,328   | 309,489   | 508,934   | 985,094   | 816,799   | 665,142   | 8.9                   |
| Barley .....                        | 152,076   | 110,782   | 245,221   | 326,993   | 342,375   | 217,727   | 2.9                   |
| Hay .....                           | 64,232    | 60,261    | 73,153    | 82,170    | 75,873    | 58,979    | 0.8                   |
| Oats.....                           | 6,922     | 8,147     | 13,523    | 19,740    | 7,655     | 9,096     | 0.1                   |
| Oil crops .....                     | 843,379   | 1,035,765 | 1,356,210 | 1,593,508 | 1,801,739 | 1,925,260 | 25.8                  |
| Soybeans .....                      | 474,897   | 621,617   | 872,681   | 942,577   | 1,185,732 | 1,247,264 | 16.7                  |
| Sunflower .....                     | 132,605   | 182,398   | 225,473   | 319,688   | 294,730   | 229,955   | 3.1                   |
| Canola .....                        | 128,554   | 151,971   | 196,455   | 226,038   | 260,452   | 356,746   | 4.8                   |
| Flaxseed.....                       | 100,568   | 74,140    | 51,166    | 91,617    | 50,993    | 82,936    | 1.1                   |
| Vegetables, fruits and nuts .....   | 349,559   | 331,396   | 558,990   | 608,882   | 575,627   | 566,715   | 7.6                   |
| Dry edible beans.....               | 119,084   | 123,357   | 220,117   | 323,269   | 239,093   | 237,836   | 3.2                   |
| Potatoes .....                      | 162,603   | 133,363   | 160,742   | 151,704   | 168,368   | 163,328   | 2.2                   |
| Dry edible peas.....                | 44,228    | 59,008    | 141,050   | 102,700   | 97,229    | 67,234    | 0.9                   |
| Lentils.....                        | 20,104    | 11,800    | 32,878    | 27,407    | 67,644    | 95,033    | 1.3                   |
| All other crops .....               | 238,314   | 321,583   | 277,580   | 274,943   | 264,010   | 310,324   | 4.2                   |
| Sugarbeets .....                    | 224,746   | 308,950   | 264,188   | 260,202   | 248,912   | 294,324   | 3.9                   |
| <b>Livestock and products</b> ..... | 983,250   | 888,756   | 972,276   | 905,474   | 784,593   | 957,236   | 12.9                  |
| Meat animals .....                  | 853,951   | 767,719   | 821,672   | 746,043   | 658,534   | 793,970   | 10.6                  |
| Cattle and calves .....             | 799,083   | 720,714   | 775,680   | 700,044   | 608,450   | 731,092   | 9.8                   |
| Hogs.....                           | 47,039    | 40,490    | 39,505    | 39,709    | 43,845    | 54,610    | 0.7                   |
| Sheep and lambs.....                | 7,829     | 6,515     | 6,487     | 6,290     | 6,239     | 8,268     | 0.1                   |
| Dairy products .....                | 68,550    | 57,375    | 80,105    | 75,295    | 48,750    | 59,466    | 0.8                   |
| Poultry and eggs.....               | 12,738    | 18,613    | 23,747    | 18,403    | 16,700    | 20,425    | 0.3                   |
| Turkeys .....                       | 11,988    | 17,915    | 23,056    | (NA)      | (NA)      | (NA)      | (NA)                  |
| Miscellaneous livestock .....       | 48,011    | 45,049    | 46,752    | 65,733    | 60,609    | 83,375    | 1.2                   |
| Honey.....                          | 27,946    | 23,569    | 29,837    | 48,960    | 47,817    | 70,079    | 0.9                   |
| Wool.....                           | 414       | 417       | 413       | 464       | 448       | 513       | *                     |
| <b>All commodities</b> .....        | 3,882,981 | 4,111,738 | 5,850,302 | 6,856,631 | 6,637,914 | 6,613,603 | 88.7                  |
| <b>Government payments</b> .....    | 832,506   | 453,140   | 392,683   | 510,546   | 441,949   | 844,906   | 11.3                  |
| <b>Grand total</b> .....            | 4,715,487 | 4,564,878 | 6,242,985 | 7,367,177 | 7,079,863 | 7,458,509 | 100.0                 |

Source: Farm Income Documents, USDA-ERS. \* Less than 0.05 percent. (NA) Not available.

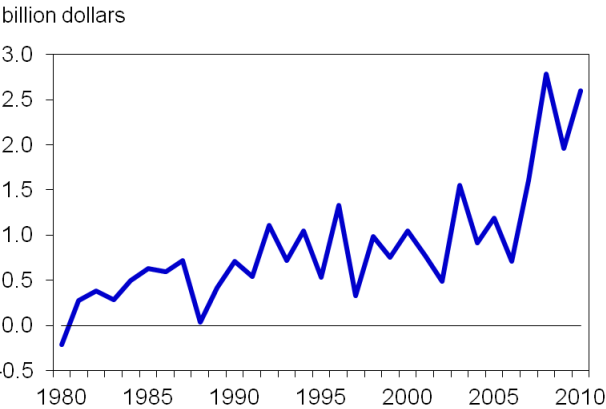
FARM INCOME

North Dakota

Net farm income for North Dakota totaled \$2.60 billion in 2010, up from \$1.96 billion in 2009, but down from \$2.79 billion in 2008. Value of Agricultural Sector Production for the state totaled \$7.63 billion in 2010, up from \$7.32 billion in 2009. The 2010 Values of Crop Production and Livestock Production were up 3.3 percent and 25 percent from 2009, respectively. Net Government Transactions totaled \$536 million, up from \$151 million in 2009. Purchased inputs for 2010 fell 1 percent from 2009 to \$3.87 billion.

Value of Agricultural Sector Production is the gross value of the commodities and services produced within a year. Purchased inputs are resources such as chemicals, non-capital equipment, feed, seed and energy purchased by producers to be used in farm production. Net Government Transactions is direct government payments minus motor vehicle registration and licensing fees and property taxes. Payment to Stakeholders is the total of employee compensation (total hired labor), net rent received by non-operator landlords, and interest paid for real estate and non real estate. Net Farm Income is the farm operator's share of income from the sector's production activities.

Net Farm Income – North Dakota



Value Added to the Agricultural Sector – North Dakota: 2008-2010

| Item  | 2008      | 2009      | 2010      |
|---|-----------|-----------|-----------|
|   | (\$1,000) | (\$1,000) | (\$1,000) |
| Value of agricultural sector production ..... | 8,844,649 | 7,315,213 | 7,630,398 |
| Value of crop production.....                 | 6,867,970 | 5,642,456 | 5,830,112 |
| Value of livestock production .....           | 856,357   | 750,345   | 938,023   |
| Revenues from services and forestry.....      | 1,120,322 | 922,412   | 862,263   |
| Less: Purchased inputs .....                  | 4,644,501 | 3,911,705 | 3,873,681 |
| Plus: Net government transactions .....       | 216,889   | 150,772   | 536,084   |
| Less: Capital consumption .....               | 621,965   | 653,951   | 664,503   |
| Less: Payments to stakeholders .....          | 1,007,155 | 942,408   | 1,025,799 |
| Net farm income .....                         | 2,787,917 | 1,957,921 | 2,602,499 |

Source: Farm Income Documents, USDA-ERS.